

## **DETAILED ACTION**

### ***Terminal Disclaimer***

1. The terminal disclaimer filed on 03/05/2008 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of US Patent No. 7,242,368 has been reviewed and is accepted. The terminal disclaimer has been recorded.

### ***Allowable Subject Matter***

2. Claims 13-24 are allowed (Claims 1-12 are canceled by the Applicant).
3. The following is an examiner's statement of reasons for allowance:

The primary reason for the allowance of claims 13-24 is the inclusion of the limitations of the excitation device is suitable for working simultaneously at least around a first and a second distinct working frequency; the first and the second working frequencies are situated inside respectively a first and a second narrow passband, mutually distinct, and the first and the second narrow passbands are created by the same defect of periodicity of the PBG material. It is these limitations found in each of the claims, as they are claimed in the combination, that has not been found, taught or suggested by the prior art of record which makes these claims allowable over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Correspondence***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shih-Chao Chen whose telephone number is (571) 272-1819. The examiner can normally be reached on Monday-Thursday from 7 AM to 5:30 PM, Fri. off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas W. Owens can be reached on (571) 272-1662. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Shih-Chao Chen  
Primary Examiner  
Art Unit 2821

SXC  
April 8, 2008  
/Shih-Chao Chen/

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